RLC – Relay Controller User Manual *VT-ENG-RLC-V1 090s506*

1. Function Introductions

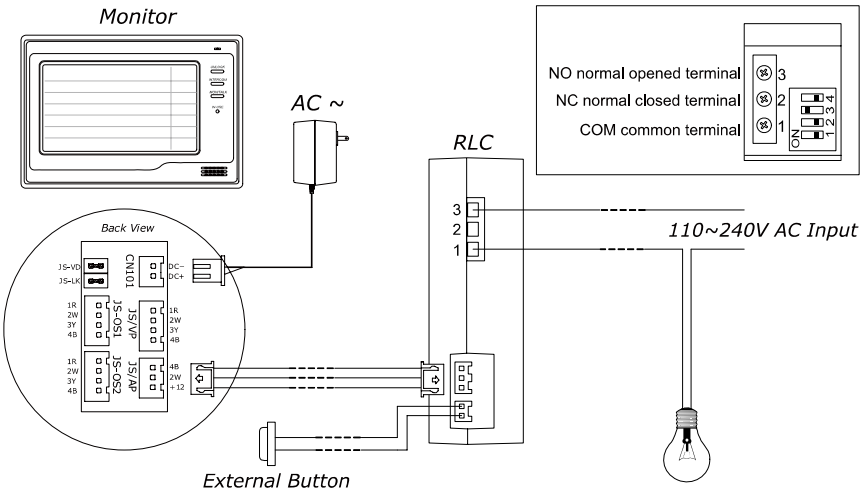
1. The RLC unit is used to connect and control additional front door e-lock or lights. You can open the door or light both by the monitor and the additional buttons.
2. Different operation mode can be used. You can manually turn the light on and off, or select the light-on duration time between 1 minute / 3 min / 5 min / 10 min.
3. All settings are easily done by the DIP switches.
4. Achieve both Light control and Lock control by apply 2 RLCs in the system.

You can only select one of the two functions when using one RLC, either Light control or Lock control. 2 RLCs must be used if you need both functions at your system!

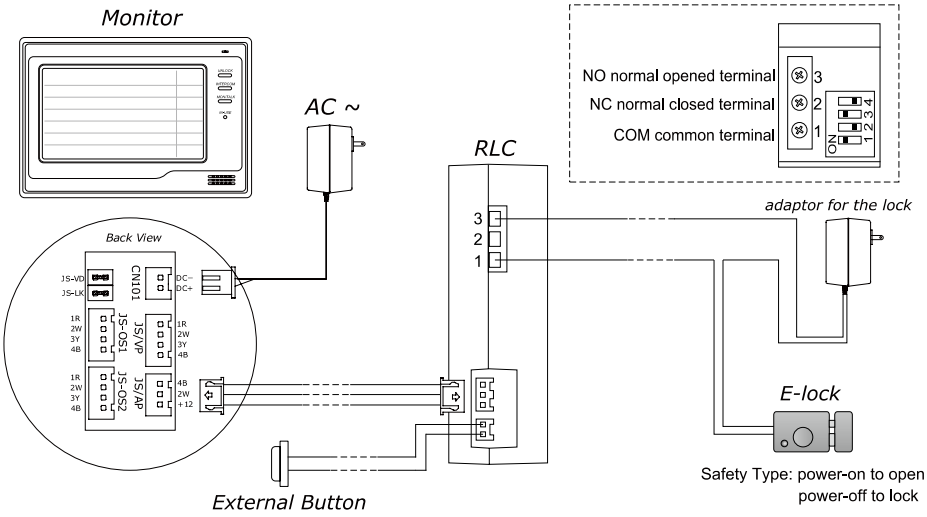
2. Necessary Settings on Monitor

To enable the RLC, the following settings on the monitor must be set:
When the monitor is in standby, select and enter MAIN → SETUP → ADVANCED SET → OTHER DEVICE SET… → PASSWORD, to get into the RLC setting page:
Press the item on the screen(RLC LOCK or RLC LAMP) to turn the function on and off. Then press EXIT to exit out.

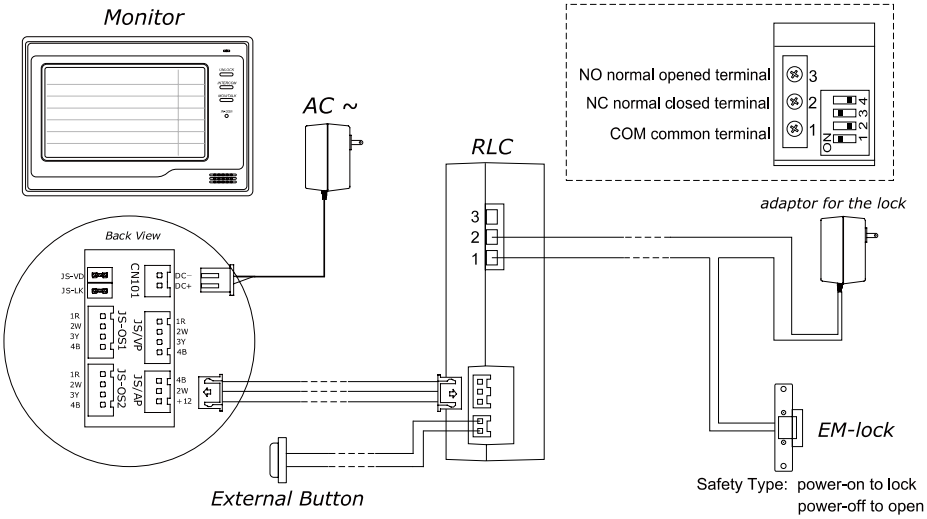
3. RCL Connections for lamps



4. RCL Connections for Electronic Lock *(Power-to-Open)*

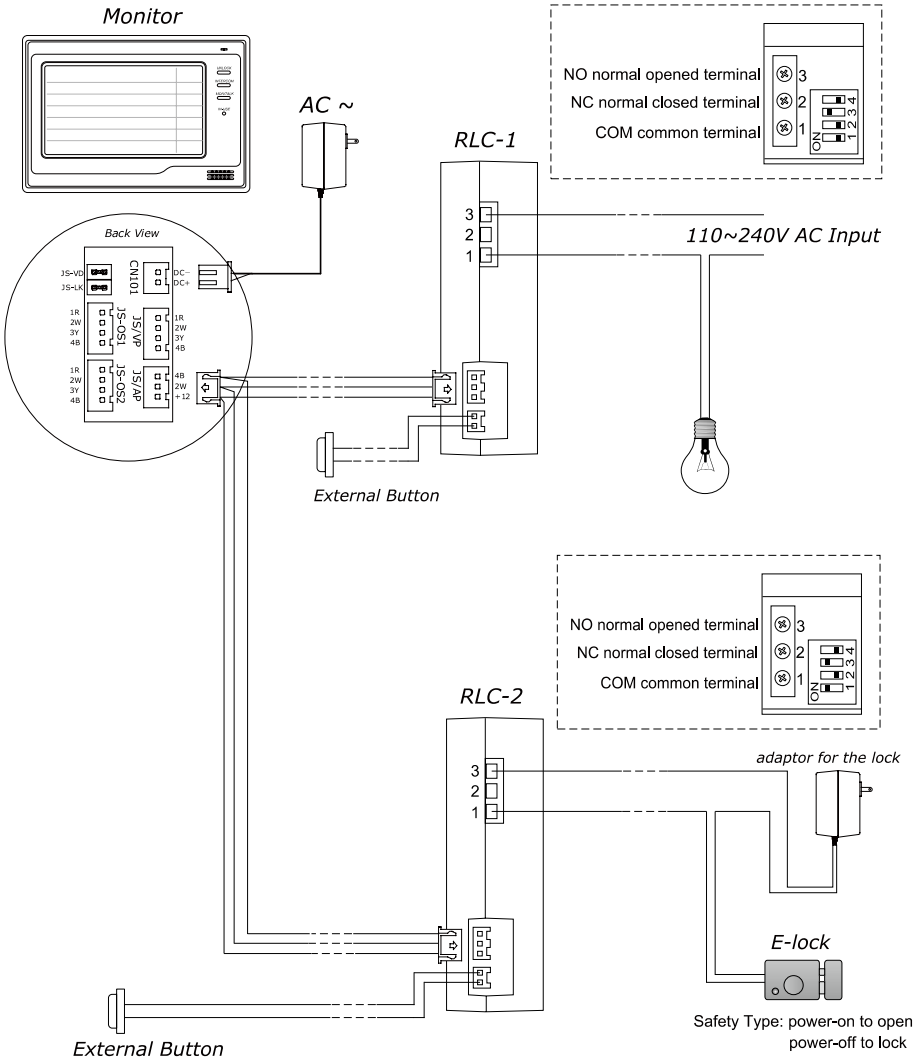


5. Connections for E-magnetic Lock *(Power-off-to-Open)*



6. Connecting 2 RLCs

You can connect 2 RLCs to control both the front door lock and light.



Note: *The lock used in this connection map is a normal electronic lock, you can also use electromagnetic lock, the connecting method should be according section 6 (Connections for E-magnetic lock)*

7. DIP settings on RLC

1. DIP settings for lock.

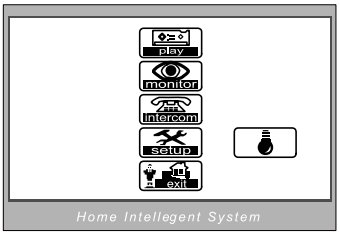
S1	S2	S3	S4	Unlock
ON	×	ON	ON	1 second
ON	×	OFF	ON	3 seconds
ON	×	ON	OFF	5 seconds
ON	×	OFF	OFF	10 seconds

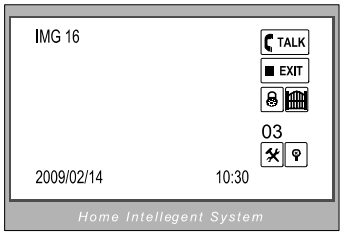
2. DIP settings for light.

S1	S2	S3	S4	Light-on
OFF	ON	×	×	manually
OFF	OFF	ON	ON	1 minute
OFF	OFF	OFF	ON	3 minutes
OFF	OFF	ON	OFF	5 minutes
OFF	OFF	OFF	OFF	10 minutes

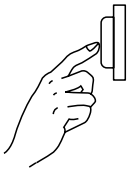
8. How to operate the RLC

1. After you enable the RLC Lamp and(or) RLC Lock functions, the UI(user interface) will change: there will be a Light icon in Main page, and(or) a Front Door icon in the monitor page(beside the Lock icon). As show bellow:





2. You can also turn on and off the light or lock by the external button(s):



Precautions and Specifications:

- ✧ Indoor use only!
- ✧ Power supply: DC 15~18V (supplied by Monitor)
- ✧ Mounting method: Slide Bar mounting